

GROUND-WATER LEVELS

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HAWAII, ISLAND OF HAWAII

193117155550801. Local number and name 8-3155-01 Kealakekua, Hawaii.

LOCATION.--Lat 19°31', long 155°55', Old Hawaiian Datum, Hydrologic Unit 20010000, 0.3 mi east of Kealakekua Post Office and 0.6 mi north of Konawaena High School.

AQUIFER.--Kau Basalt, Holocene and Pleistocene age.

WELL CHARACTERISTICS.--Drilled water-table well, depth 1,505 ft, 4-in. casing diameter, cased to 1,500 ft perforated from 1,250 to 1,500 ft.

DATUM.--Elevation of land-surface datum is 1,746.80 ft. Measuring point is top of aluminum cap on 4-in. casing, 1,745.84 ft above mean sea level.

REMARKS.--Water level may be affected by pumping well 50 ft away.

PERIOD OF RECORD.--Water level: occasional measurements, April 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 469.06 ft above mean sea level, December 18, 1997; lowest measured, 449.59 ft above mean sea level, August 4, 2004.

WATER LEVEL, IN FEET, RELATIVE TO MEAN SEA LEVEL, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 13	450.92	DEC 15	451.71	FEB 10	453.55	APR 20	453.44	JUN 06	454.07	AUG 12	454.53